

# Receiving Report

Date: 12/10/29  
 Supplier: THX 566h

Batch No: M123483  
 Dart P/O: 18220

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☒ No ☐  
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☐ No ☒  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection: 14 12/10/29 N/A ☐  
 Work Order: 8-89 N/A ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
	water Olet 3075	600	0	0	600	

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: 12/10/29  
 Date: [Signature]  
 Received/Costing: [Signature]  
 Initial: [Signature]

Location \_\_\_\_\_

# Purchase Order Receipt Listing

Monday, October 29, 2012 7:46:47 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO18225 All Receipt Dates All Line Item Types  
All Item ID/GL/WOs All Rec. Employees All Currencies  
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO18225	1	~	M6061T6R0.375	f	10/30/2012 24.0000	10/29/2012 DESJ02	24.0000	\$1.06	0.0000	0 0	\$25.43
CAD	No		6061-T6 Round Bar .375"	f	24.0000	DESJ02		\$25.43	0.0000	0	
			123483								
	2		M6061T6R0.500	f	10/30/2012 24.0000	10/29/2012 DESJ02	24.0000	\$1.22	0.0000	0	\$29.29
	No		6061-T6 Round Bar .500"	f	24.0000	DESJ02		\$29.29	0.0000	0	
			123483								
	3		M6061T6R0.563	f	10/30/2012 204.0000	10/29/2012 DESJ02	204.0000	\$0.62	0.0000	0	\$126.11
	No		6061-T6 ROUND BAR .563	f	204.0000	DESJ02		\$126.11	0.0000	0	
			123483								
	4		M6061T6R1.000	f	10/30/2012 12.0000	10/29/2012 DESJ02	12.0000	\$2.46	0.0000	0	\$29.50
	No		ROUND BAR 1.00"	f	12.0000	DESJ02		\$29.50	0.0000	0	
			123483								
	5		M6061T6R1.250	f	10/30/2012 12.0000	10/29/2012 DESJ02	12.0000	\$3.05	0.0000	0	\$36.62
	No		6061-T6 Round Bar 1.250	f	12.0000	DESJ02		\$36.62	0.0000	0	
			123483								
	6		M6061T6R1.500	f	10/30/2012 12.0000	10/29/2012 DESJ02	12.0000	\$4.41	0.0000	0	\$52.89
	No		6061-T6 Round Bar 1.50	f	12.0000	DESJ02		\$52.89	0.0000	0	
			123483								
	7		M6061T6S.032	sf	10/30/2012 384.0000	10/29/2012 DESJ02	384.0000	\$2.22	0.0000	0	\$854.36
	No		6061-T6 Sheet 0.032"	sf	384.0000	DESJ02		\$854.36	0.0000	0	
			123483								
	8		M304B0.250X4.000	f	10/30/2012 48.0000	10/29/2012 DESJ02	48.0000	\$7.60	0.0000	0	\$364.73
	No		304 BAR .250 x 4.00	f	48.0000	DESJ02		\$364.73	0.0000	0	
			123483								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
<div>Total Received Quantity: Total Qty to Inspect (PO U/M): Total Reject Quantity: Total Receipt Value: Total Balance Due Quantity:</div> <div>720.0000 0.0000 0.0000 \$1,518.93 0.0000</div>											

Ship From: THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5G6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship To: ( 1 )  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

No: PEC 792258  
Ship Date 26oct12 at 9:09 From PFW  
Probill  
Via VI TRANSFER  
FOB COMCORD  
Frt PREPAID  
Route 0 - 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115 )  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

B I L L O F L A D I N G

1) Our Order PEC-502927- 1 Your PO # 18225  
ALUMINUM ROUND BAR 6061-T6511  
.375" DIA X 144.0000"  
Heat Number 112051211B  
Tag No 118223

2) Our Order PEC-502927- 2 Your PO # 18225  
ALUMINUM ROUND BAR 6061-T6511  
.50" DIA X 144.0000"  
Heat Number 17201  
Tag No 118224

3) Our Order PEC-502927- 3 Your PO # 18225  
ALUMINUM ROUND BAR 6061-T6511  
.562" DIA X 144.0000"  
Heat Number 201207091  
Tag No 118225

4) Our Order PEC-502927- 4 Your PO # 18225  
ALUMINUM ROUND BAR 6061-T6511  
1.00" DIA X 144.0000"  
Heat Number 40961 130  
Tag No 118226

5) Our Order PEC-502927- 5 Your PO # 18225  
ALUMINUM ROUND BAR 6061-T6511  
1.250" DIA X 144.0000"  
Heat Number 40964 105  
Tag No 118227

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE  
RAPPORTEES IMMEDIATEMENT  
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY  
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT  
MARCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

RECU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

Quantity 12 FT PCS 1  
WT LBS 17

MTR

Quantity 12 FT PCS 1  
WT LBS 12

MTR

Quantity 204 FT PCS 17  
WT LBS 61

MTR

Quantity 24 FT PCS 2  
WT LBS 6

MTR

Quantity 24 FT PCS 2  
WT LBS 3

MTR

*12/11/12*

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.  
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY.  
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

Page: 2 ...Continued

TOTAL ITEMS (1-7) 1 BDL G.W. 286 LBS

MILIT TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.  
ATTN: CHANTAL/LINDA  
\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

Heat Number  
112051211B  
201207091  
40961 130  
40964 105  
838388  
Z00262042

\*\*\* Chemical Analysis \*\*\*

*Handwritten signature*

Heat Number 112051211B 201207091 40961 130 40964 105 838388 Z00262042	7) Our Order PEC-502927- 7 Your PO # 18225 STAINLESS STEEL FLAT BAR 304L SLIT/EDGED .250" X 4.00" X 144.0000" Heat Number Tag No 118229	Quantity 48 FT PCS 4	Tags 7	PCS 28	WT LBS 163
6) Our Order PEC-502927- 6 Your PO # 18225 ALUMINUM ROUND BAR 6061-T6511 1.50" DIA X 144.0000" Heat Number Tag No 118228 Z00262042	Quantity 12 FT PCS 1	WT LBS 26			

B I L L O F L A D I N G

Ship From: THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033  
Ship To: ( 1 ) DART AEROSPACE  
Ship Date 26oct12 at 9:09 from PFW  
No: PEC 792258  
I N G L A D I N G  
Ship Date 26oct12 at 9:09 from PFW  
No: PEC 792258  
Via VI TRANSFER  
FOB COMCORD  
Route 0 - 0 Manifest  
Vehicle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115 ) DART AEROSPACE

Ship From: THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship To: (1)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

Ship Date 29oct12 at 14:42 From PFW  
Via VIM TRANSFER  
FOB CONCORD  
Route 0-0 Manifest  
Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: (20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

B I L L O F L A D I N G

1) Our order PEC-503042-1 Your PO # 18225  
ALUMINUM SHEET 6061 T6  
0.0320 Nom X 48.0000" X 144.0000"  
Heat Number 599936A2  
Tag No 118465  
Quantity PCS 8  
384.00 SFT  
Tags 1  
TOTAL: 173 LBS

B I L L O F L A D I N G

ADD ON TO 502927 SUR-CHARGE PAID  
MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.  
ATTN: CHANTAL/LINDA  
\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL OF 1 SKID GR.W. 324 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT. \*\* 9:00 AM TO 4:00 PM \*\*\*

Page: 1 ... Continued

RECUE EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION  
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT  
TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE  
RAPPORTEES IMMEDIATEMENT  
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

DATE 11/10/26

**CAN ART**  
ALUMINUM EXTRUSION INC.

## Material Test Report

Ship To: ThyssenKrupp Materials NA

2821 Langstaff Road  
Concord, ON L4K 5C6

Our Order: 386184-3      Cust P.O.: PEC-239667  
 Die: ES05553      Part: 05553-000-144  
 Alloy Temper: 6061 T6511      Description: 375

Print Date: 6/19/12

Chemical Composition Range									
6061	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	
Min	0.40		0.15		0.8	0.04			
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	
Mechanical Properties									
Strength ksi									
Sample ID	Cast #	Lot #	Test	Ultimate Tensile	Yield	2" Offset		2" Gauge length	
130414	1205121B	A11	6/13/12	43.00	37.62			10.8	

Applicable Specifications    ASTM B221-08    QQ-A200/8

Country of Origin: 85 Parkshore Drive, Brampton, Ontario CANADA L6T 5M1

Can Air Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Air assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Air within 30 days from the date of shipment.

Ray Hussain - Tensile Testing

Authorized:

Evan Eng, Quality Assurance Mgr.

Signed by:

PO/Rel 18225  
We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

DART AEROSPACE  
ALUMINUM ROUND BAR 6061-T6511  
PART NO.  
50" DIA X 144.0000"

THYSSENKRUPP MATERIALS NA

CAN ART  
ALUMINUM EXTRUSION INC.

Material Test Report

Manifest: 246680

Ticket:  
5262345

Ship To: ThyssenKrupp Materials NA  
2821 Langstaff Road  
Concord, ON L4K 5C6

Our Order: 386006 - 7 Cust P.O.: 239513  
Die: ES05233 Part: 05233-000-144  
Alloy Temper: 6061 T6511 Description: .500

Print Date: 6/19/12

Chemical Composition Range									
6061	Si	Fe	Cu	Mn	Mg	Cr	Zn	TI	OtherEach
	Min	0.40	0.15		0.8	0.04	0.25	0.15	0.05
	Max	0.8	0.7	0.40	0.15	1.2	0.35	0.15	0.15
OtherTotal									

Mechanical Properties									
Sample ID	Cast #	Lot #	Test Date	Ultimate Tensile	Yield	2% offset	Elongation	2" gage length	Strength ksi
130447	17201	A11	6/14/12	40.94	38.27	11.3			

Applicable Specifications ASTM B221-08 QQA200/8

Country of Origin: 85 Parkshore Drive, Brampton, Ontario CANADA L6T 5M1

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Ray Hussain - Tensile Testing

Authorized:

Evan Eng. Quality Assurance Mgr.



PO/Rel 18225

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

Signed by:



SERVICE CENTER METALS  
5850 Quality Way  
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS  
FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
149203	3

BILL TO

ThyssenKrupp Materials NA

SHIP TO

ThyssenKrupp Materials NA PEC

Quantity Certified 1,332 lbs 380 pcs

MANIFEST NUMBER

158335

CUSTOMER PO

PEC-238591

CUSTOMER PART NUMBER

RD0370

DIE NUMBER

RD0370

ALLOY / TEMPER

6061-T6511

DESCRIPTION

Lightning Rod Tite 0.562 + .004/- .003

DATE OF SHIPMENT

5/2/2012

SALESPERSON

David Schroeder

CERTIFICATION

ASTM-B221-12 No Stencil

SPECIFICATION

AMS-QQA-200/8

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada.

Mechanical Properties

Tests	Lot No.
1	201207091
2	201207091

Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
04/24/12	50.6	48.9	14.9
04/24/12	50.7	48.7	13.6

2/10/12  
DAS  
14-88

Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others	
										Each	Total
041425	6061	0.76	0.35	0.34	0.09	0.87	0.10	0.06	0.02	0.05	0.15
041523	6061	0.77	0.39	0.32	0.09	0.86	0.10	0.06	0.02	0.05	0.15

Melt Source:  
United States of America

Print Date: 5/2/2012

Calvin J. Wiggins

Calvin J. Wiggins, Director of Quality & Technical Services

Rev. 9/23/11 - JMS

Certificate of Mill Test Results

2600412 Pg 1/2

BL PEC-792258-004

Signed by:

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6511

1.00" DIA X 144.0000"

PART NO.

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

CERTIFIED TEST REPORT  
<http://online.kaiseraluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER:		CUSTOMER PART NUMBER:		PRODUCT DESCRIPTION:	
PEC-241956-11		015246-2		KAISERSELECT PRECISION ROD 1.000+/- .004	
KAISER ORDER NUMBER: LINE ITEM:		SHIP DATE:		KAISER LOT NUMBER: ALLOY:	
627967		09/21/2012		40961 130	
WEIGHT SHIPPED:		B/L NUMBER:		DIA/DIA FTH/KNS:	
1020.000 LB		604480		WIDTH:	
QUANTITY:		SHIP TO:		LENGTH:	
92.000 PCS				12.000 FT	

THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ON L4K 5C6 CANADA

THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ON L4K 5C6 CANADA

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
40961 130	0001	1	49.4	46.2	18.5	RE	95	N/A
40961 130	0001	10	54.0	50.3	15.9	RE	95	N/A
40961 130	0001	2	43.9	39.6	18.4	RE	95	N/A
40961 130	0001	3	47.1	43.6	18.3	RE	95	N/A
40961 130	0001	4	49.0	45.8	16.2	RE	95	N/A
40961 130	0001	5	47.1	43.4	16.4	RE	95	N/A
40961 130	0001	6	55.3	51.6	15.9	RE	95	N/A
40961 130	0001	7	51.8	47.7	16.0	RE	95	N/A
40961 130	0001	8	52.5	48.2	15.9	RE	95	N/A
40961 130	0001	9	52.1	47.7	15.9	RE	95	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Al	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	NA	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	NA	0.00
H42638	.74	.41	.34	.39	.99	.08	.06	.02	.01	.03	.00	.04	.09

Applicable Requirements:

PER ASTM-B221-12, STENCILED ASME-SB221 1998 SECT II PER AMS-QQ-A-200/B (2007) UNS#  
A96061 MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511/T6 ELTAVAHMD KLINIMUM  
MECHANICAL PROPERTIES AS FOLLOWS: UTS = 42.0 KSI MIN YIELD = 38.0 KSI MIN ELONGATION  
= 10.0% MIN

Miscellaneous Notes

MANUFACTURED IN USA (SHERMAN, TX) MELTED IN USA

DAS  
19

12/10/29

Plant Serial: 00060883  
Kaiser Order Number: 627967  
Line Item: 011

# THYSSENKRUPP MATERIALS NA

## Certificate of Mill Test Results

BL PEC-792258-004  
26 Oct 12  
Pg 2/2

Signed by:

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

DART AEROSPACE  
ALUMINUM ROUND BAR 6061-T6511  
1.00" DIA X 144.0000"  
PART NO.

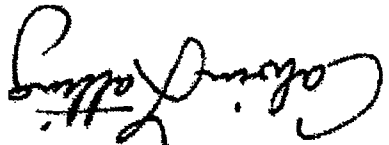
**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

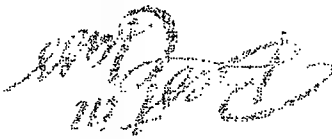
### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgment form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Calvin Lattin, Quality & Technology Manager



CERTIFIED TEST REPORT  
<http://Online.KaiserAluminum.com>



Plant Serial: 00060883  
Kaiser Order Number: 627567  
Line Item: 011

Page 2 of 2

# THYSSENKRUPP MATERIALS NA

Certificate of Mill Test Results  
Pg 1/2

PO/Rd 18225  
We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

DART AEROSPACE  
ALUMINUM ROUND BAR 6061-T6511  
1.250" DIA X 144.0000"

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

*Based on*

CERTIFIED TEST REPORT  
<http://online.kaiseraluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-241687-2		CUSTOMER PART NUMBER: R76/STK		PRODUCT DESCRIPTION: KAISERSELECT PRECISION ROD 1.250+/- .005	
KAISER ORDER NUMBER: 002	SHIP DATE: 09/14/2012	KAISER LOT NUMBER: 40964-105	ALLOY: 6061	TEMPER: T6511B	
WEIGHT SHIPPED: 1004.000 LB	QUANTITY: 58,000 PCS	B/L NUMBER: 604422	DIA/DIAF/TH/KNS:	WIDTH:	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA					
SOLD TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA					

## Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
40964-105	0001	1	52.4	47.4	12.5	92	N/A	N/A
40964-105	0001	10	51.1	47.2	12.5	92	N/A	N/A
40964-105	0001	2	50.8	46.0	12.8	92	N/A	N/A
40964-105	0001	3	52.8	48.3	12.3	92	N/A	N/A
40964-105	0001	4	53.4	49.3	12.5	92	N/A	N/A
40964-105	0001	5	52.8	49.0	12.8	92	N/A	N/A
40964-105	0001	6	57.3	54.4	12.3	92	N/A	N/A
40964-105	0001	7	57.2	54.1	12.5	92	N/A	N/A
40964-105	0001	8	54.4	50.7	12.8	92	N/A	N/A
40964-105	0001	9	50.7	47.0	12.3	92	N/A	N/A

## Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.03	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
442805	.74	.39	.29	.10	.95	.10	.09	.02	.01	.01	.00	.01	.03

## Applicable Requirements:

PER ASTM-B221-12, STENCILED ASME-SB221 1996 SECT II PER AMS-QQ-A-200/8 (2007) UNS# A96061 MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511/T6 ELEVATED MINIMUM MECHANICAL PROPERTIES AS FOLLOWS: UTS = 42.0 KSI MIN YIELD = 38.0 KSI MIN ELONGATION = 10.0% MIN

## Miscellaneous Notes

MANUFACTURED IN USA (SHERMAN, TX) MELTED IN USA

12/10/29  
14  
0-89

Plant Serial: 00059695  
Kaiser Order Number: 627185  
Line Item: 002

# THYSSENKRUPP MATERIALS NA

## Certificate of Mill Test Results

DART AEROSPACE

PO/Ref 18225

BL PBC-792258-005

Signed by:

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

ALUMINUM ROUND BAR 6061-T6511  
1.250" DIA X 144.0000"  
PART NO.

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

*[Signature]*

CERTIFIED TEST REPORT  
<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgment form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination. Calvin Letting, Quality & Technology Manager

*[Signature]*

# Certificate of Mill Test Results

260412 Pg 1/2

BL PEC-792258-006

Signed by:

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

## THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINIUM ROUND BAR 6061-T6511

1.50" DIA X 144.0000"

PART NO.

**KAISER**  
ALUMINIUM  
FABRICATED PRODUCTS

CERTIFIED TEST REPORT  
<http://Online.KaiserAluminum.com>

CUSTOMER PO NUMBER: ALRD000339		CUSTOMER PART NUMBER: KAISERSELECT PRECISION ROD 1.500+/- .005	
KAISER ORDER NUMBER: 627967	LINE ITEM: 010	SHIP DATE: 09/21/2012	KAISER LOT NUMBER: Z00262042
WEIGHT SHIPPED: 2094.000 LB	QUANTITY: 84.000 PCS	B/L NUMBER: 604480	SHIP TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA
SOLD TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		DIA/OD: 1.5000 WIDTH: 1.5000 LENGTH: 12.000 FT	

### Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00262042	0001	1	52.6	50.3	16.9	RE	95	N/A
Z00262042	0001	2	51.5	48.8	15.6	RE	92	N/A
Z00262042	0001	3	54.4	52.2	16.7	RE	95	N/A
Z00262042	0001	4	51.5	48.6	15.9	RE	93	N/A
Z00262042	0001	5	52.3	50.0	16.2	RE	95	N/A
Z00262042	0001	6	54.3	52.1	16.6	RE	94	N/A
Z00262042	0001	7	51.1	48.3	16.4	RE	92	N/A
Z00262042	0001	8	52.8	50.7	16.8	RE	94	N/A
Z00262042	0001	9	53.5	51.2	16.4	RE	95	N/A
Z00262042	0001	10	51.9	49.6	16.7	RE	94	N/A
Z00262042	0001	11	52.8	50.6	16.3	RE	95	N/A
Z00262042	0001	12	51.9	49.1	16.2	RE	90	N/A

### Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ba	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	NA	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	NA	0.00
101852	.75	.33	.28	.09	.93	.09	.03	.03	.00	.00	.00	.01	.03

### Applicable Requirements:

PER ASTM-B221-12, STENCILED ASME-SB221 1998 SECT II PER AMS-QQ-A-200/8 (2007) UNS# A96061 MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511/T6 ELEVATED MINIMUM MECHANICAL PROPERTIES AS FOLLOWS: UTS - 42.0 KSI MIN YIELD = 38.0 KSI MIN ELONGATION = 13.0% MIN

### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

12/10/29  
DAS  
14  
89

Plant Serial: 000608881  
Kaiser Order Number: 627967  
Line Item: 010

# THYSSENKRUPP MATERIALS NA

## Certificate of Mill Test Results

260412  
Pg 2/2

BL PRC-792258-006

Signed by:

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

DART AEROSPACE  
ALUMINUM ROUND BAR 6061-T6S11  
1.50" DIA X 144.0000"  
PART NO.

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Calvin Fetting, Quality & Technology Manager

*Calvin Fetting*

**CERTIFIED TEST REPORT**  
<http://Online.KaiserAluminum.com>

Plant Serial: 00060881  
Kaiser Order Number: 627967  
Line Item: 010

Page 2 of 2

# THYSSENKRUPP MATERIALS NA

## Certificate of Mill Test Results

26Oct12  
Pg 1/1

Doc No. 144602 Indexed 17Oct12 by slsuptl  
DART AEROSPACE  
STAINLESS STEEL FLAT BAR 304L SLIT/EDGED  
PART NO.  
250" X 4.00" X 144.0000"

PHOENIX TUBE COMPANY, INC.  
Manufacturer of Stainless Ornamental and Structural Tubing

Sold To: THYSSENKRUPP MATERIAL, NA Ship To: THYSSENKRUPP MATERIAL, NA

CONCORD ON L4K CONCORD ON L4K

CUSTOMER ORDER# PEC-242141

Phone# 6699444

Ext:

CUST REF NBR:

ORDER# 286850

DATE SHIPPED: 09/24/12

QTY SHIPPED: 630.0

SIZE: 4" X 1/4" HRAP

NO WELD: BAR

SOURCE: USA D

HEAT# 838388

VENDOR: ALS

TEST REPORT# TR010563

Specification:

Report Date: 08/30/12

CHEMISTRY THIS COLUMN:

ASTM A276-10  
ASTM SA276-08 COND. A  
ASTM A479-11  
ASTM SA479-10  
AMS-QC-S-763F, COND. A  
EN 10204 2.2  
ASTM A262, PRACTICE E  
CORROSION OK, HRAP  
ASTM A484-10  
ASTM SA484-08  
NO WELD REPAIR  
ASTM SA 480-11  
ASTM A240-11a  
ASTM SA240-11  
MILS 5059D AMEND 3  
AMS 5639H & AMS 5647J  
ASTM A480-11  
NACE MR0175/01 / MR0103  
TYPE 304L/304 DUAL CERTIFIED  
UNS# 30400 / 30403  
ASTM A666-10  
AMS5511H/AMS5613J  
Q&S-766D, COND. A

MERCURY IS NOT USED BY US AS AN ALLOYING MATERIAL NOR IS METALLIC MERCURY HANDLED IN THE VICINITY

OF OUR PROCESSING LINES. WE ARE NOT PRESENTLY AWARE OF ANY MERCURY CONTAMINATION.

MATERIAL HAS BEEN HEATED TO A MINIMUM OF 1800 DEG. F AND IS SUBSEQUENTLY COOLED

RAPIDLY TO PREVENT CARBIDE PRECIPITATION.

### Chemical Analysis

C	.013	MN	1.52	P	.031	S	.013	SI	.40	CR	18.23	NI	8.09	MO	.39	CU	.44	CO	0	N2	.07	TI	0
---	------	----	------	---	------	---	------	----	-----	----	-------	----	------	----	-----	----	-----	----	---	----	-----	----	---

### Physical Analysis

YIELD			TENSILE			OTHER		
Hardness	PSI	MPA	PSI	MPA	Percent EL	Percent RA		
RB 88	47900	0	91000	0	55	64		

THE CHEMICAL ANALYSES ARE CORRECT AS CONTAINED IN OUR CORPORATE RECORDS.

PHYSICAL PROPERTIES ARE DETERMINED WHILE MATERIAL IS IN STRIP FORM.

Melted & Manufactured in the USA FAR BAA complies, DFARS BAA complies, FAR TAA complies

CERTIFIED BY:

1185 WIN DR, BETHLEHEM, PA., 18017 - (610) 866-5337  
FAX NUMBER: 810-865-4073

12/10/29  
14  
9-98



**KAISER ALUMINUM**  
Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

**CERTIFIED TEST REPORT**

Serial Number  
4278723

**SHIP TO:**  
COPPER & BRASS SALES  
905 CARLOW DRIVE  
UNIT D  
BOLINGBROOK, IL 60480

**SOLD TO:**  
COPPER & BRASS SALES  
ATTN: ACCOUNTS PAYABLE  
P.O. Box 5116  
SOUTHFIELD, MI 48086

CUSTOMER PO NUMBER: 6400150915		WORK PACKAGE: ALFLR01643		SHIP RUN/LOAD: 102451/17		GOVT CONTRACT NUMBER:	
KAISER ORDER NO: 1140063		LINE ITEM: 1		SHIP DATE: 12-OCT-2012		PRODUCT DESCRIPTION: HT Flat Sheet	
WEIGHT SHIPPED: 10807 LB		QUANTITY: 493 PCS EST.		TRUCK B/L #: 2039250		GAUGE: 0.0320 IN (0.8128 MM)	
						DIAMETER/WIDTH: 48.000 IN (1219.2 MM)	
						LENGTH: 144.000 IN (3657.6 MM)	

MHU 1627545: LOT 599936A2: 38 pieces;  
MHU 1627689: LOT 599936A2: 175 pieces;  
MHU 1629089: LOT 610815A3: 104 pieces;  
MHU 1629095: LOT 610815A3: 175 pieces;

**Certified Specifications**

AMS 4027/RevN  
ASTM B 209/Rev10

**Test Results**

Lot: 599936A2 Cast 880 Drop 05 Ingot 1 Melted in USA

(ASTM B8/B557)

(EN 2002-1)

Tensile: Temper

Dir / # Tests

Ultimate KSI (MPa)

Yield KSI (MPa)

Elongation %

LT / 2 (Min:Max)

48.8 : 49.4

43.8 : 44.3

11.2 : 12.0

(ASTM E1251)

Chemistry:

SI 0.76  
FE 0.5  
CU 0.34  
MN 0.06  
MG 1.0  
CR 0.16  
ZN 0.17  
TI 0.02  
V 0.01  
ZR 0.00  
TOT 0.05  
OTHER 0.05

DAS 12/10/29

From: Copper and Brass Sales  
Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402128040  
Part: 173.408 LB  
Mgt: 173.408 LB  
Date: 10/24/2012  
PO: PFC - 243092

James H Baker

## CERTIFIED TEST REPORT

Serial Number  
4278723Tranwood Works - Spokane, WA 99215  
Phone: (800) 367-2586**KAISER  
ALUMINUM**

Lot: 610815A3 Cast B80 Drop 14 Ingot 3 Melted in USA

(ASTM B8/B557)

(EN 2002-1)

Tensile:

Temper  
T6Dir / # Tests  
LT / 2 (Min:Max)Ultimate KSI (MPa)  
45.1 : 45.4  
(311 : 313)Yield KSI (MPa)  
39.5 : 39.7  
(272 : 274)Elongation %  
11.7 : 11.7

(ASTM E1251)

Chemistry:

Actual(wt%)

SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	TOT
0.75	0.5	0.31	0.06	1.0	0.18	0.16	0.02	0.01	0.00	0.04	

## ALLOY LIMITS

6061	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
0.40	0.0	0.15	0.00	0.8	0.04	0.00	0.00	0.05	0.00	0.00	0.05	
0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.05	0.05	0.15	

## TEST NOTES

6061 sheet or plate certified to AMS 4025, AMS 4026, or AMS 4027 also meets applicable requirements of AMS-QQ-A-250/11.

Rev. A.

## CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser) hereby certifies that material shipped under this order was melted in the United States of America or a qualifying country and tested and found in conformance with the requirements of the applicable specification requirements as indicated herein. For material thickness outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. All tests which are subject to examination shall not be reproduced except in full, without the written approval of Kaiser Aluminum Fabricated Products, LLC Laboratory. The recording of false, fictitious or fraudulent statements or entries on this certificate may be punished as a felony under federal law. ISO-9001:2000 certified.

JAMES HEMENWAY, LABORATORIES SUPERVISOR

Page 2 of 2

From: Copper and Brass Sales  
Cust: THYSSENKRUPP MATERIALS NA - ECAD Del: 2402128040  
Part: PO: PEC - 243092  
Wgt: 173.408 LB  
Date: 10/24/2012

James Hemenway

**DART** aerospace  
 Dart Aerospace Ltd.  
 1270 Aberdeen Street  
 Hawkesbury, ON K6A 1K7  
 Tel: 613 632 9577  
 Fax: 613 632 1053

**PURCHASE ORDER**  
 Purchase Order ID PO18225  
 Purchase Order Date 10/23/12  
 PO Print Date 10/23/12  
 Page Number 1 of 4

Order From : THYSSENKRUPP MATERIALS CA LTD  
 O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"  
 TORONTO, ON M5W 5V8  
 CA

Contact Name  
 Vendor Phone 905 669 9444  
 Vendor Fax 905 738 9033  
 Vendor Account Nbr  
 Buyer Chantal Lavoie  
 Requisition Nbr 10127-2607  
 Tax Resale Nbr  
 Terms Net 30  
 Currency CAD  
 FOB Destination-Collect

Ship To : DART AEROSPACE LTD

1270 ABERDEEN  
 HAWKESBURY, ON K6A 1K7  
 CANADA

**FAKED**

Line Nbr	Reference	Description/ Mfg ID	Reg Date/ Taxable	Reg Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M6061T6R0.375	6061-T6 Round Bar .375"	10/30/12	24.00	Yours pdd	\$1,0417	\$25.00
Special Instr: 6061-T6 (OR 6061-T6S1/ T6S10/ T6S11/ T62) ROUND BAR QQ-A-225/8 OR AMS-QQ-A-225/8 (AMS 4117/4128/4115/4116) OR QQ-A-200/8 OR AMS-QQ-A-200/8) OR AMS 4160) OR ASTM B211 OR ASTM B221							
2	M6061T6R0.500	6061-T6 Round Bar .500"	10/30/12	24.00	Yours pdd	\$1,2000	\$28.80
Special Instr: 6061-T6 (OR 6061-T6S1/ T6S10/ T6S11/ T62) ROUND BAR QQ-A-225/8 OR AMS-QQ-A-225/8 (AMS 4117/4128/4115/4116) OR QQ-A-200/8 OR AMS-QQ-A-200/8) OR AMS 4160) OR ASTM B211 OR ASTM B221							

*10/23/12*

Change Nbr: 2  
 Change Date: 10/23/12  
 No substitution or deviation without consent.  
 Certificate of Conformity of Material  
 Certification required - YES  
 NO

**DART** aerospace  
 Dart Aerospace Ltd.  
 1270 Aberdeen Street  
 Hawkesbury, ON K6A 1K7  
 Tel: 613 632 9577  
 Fax: 613 632 1053


**PURCHASE ORDER**  
 Purchase Order ID PO18225  
 Purchase Order Date 10/23/12  
 PO Print Date 10/23/12  
 Page Number 2 of 4

Order From : THYSSENKRUPP MATERIALS CA LTD  
 O/A VPK METAL-C/O T27540/PO BOX 4275,POSTAL "A"  
 TORONTO, ON M5W 5V8  
 CA

Contact Name	Vendor Phone	Requisition Nbr	Buyer
CA	905 669 9444		Chantal Lavoie
Vendor Fax	905 738 9033	Tax Resale Nbr	
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

3	M6061T6R0.563	6061-T6 ROUND BAR	10/30/12	Yes	204.00	Yours ppd	\$0.6078	\$123.99
Special Inst: 6061-T6 (OR 6061-T6S1/ T6S10/ T6S11/ T62) ROUND BAR QQ-A-225/8 OR AMS-QQ-A-225/8 (AMS 4117/4128/4115/4116) OR QQ-A-200/8OR AMS-QQ-A-200/8 )OR AMS 4160) OR ASTM B211 OR ASTM B221								
4	M6061T6R1.000	ROUND BAR 1.00"	10/30/12	Yes	12.00	Yours ppd	\$2.4167	\$29.00
Special Inst: 6061-T6 (OR 6061-T6S1/ T6S10/ T6S11/ T62) ROUND BAR QQ-A-225/8 OR AMS-QQ-A-225/8 (AMS 4117/4128/4115/4116) OR QQ-A-200/8OR AMS-QQ-A-200/8 )OR AMS 4160) OR ASTM B211 OR ASTM B221								
5	M6061T6R1.250	6061-T6 Round Bar 1.250	10/30/12	Yes	12.00	Yours ppd	<del>\$2.5000</del> 3.00	\$30.00
Special Inst: 6061-T6 (OR 6061-T6S1/ T6S10/ T6S11/ T62) ROUND BAR QQ-A-225/8 OR AMS-QQ-A-225/8 (AMS 4117/4128/4115/4116) OR QQ-A-200/8OR AMS-QQ-A-200/8 )OR AMS 4160) OR ASTM B211 OR ASTM B221								

*10/23/12*



**DART**  
 aerospace  
 1270 Aberdeen Street  
 Hawkesbury, ON K6A 1K7  
 Tel: 613 632 9577  
 Fax: 613 632 1053

**PURCHASE ORDER**  
 Purchase Order ID PO18225  
 Purchase Order Date 10/23/12  
 PO Print Date 10/23/12

Page Number 3 of 4

Order From : THYSSENKRUPP MATERIALS CA LTD  
 O/A VPK METAL-C/O T27540/PO BOX 4275,POSTAL"A"  
 TORONTO, ON M5W 5V8  
 CA

Contact Name	905 669 9444
Vendor Phone	905 738 9033
Vendor Fax	
Vendor Account Nbr	

Buyer Chantal Lavoie  
 Requisition Nbr 10127-2607  
 Tax Resale Nbr Net 30  
 Currency CAD  
 FOB Destination-Collect

6	M6061T6R1.500	6061-T6 Round Bar 1.50	10/30/12	Yes	12.00	Yours ppd	\$4.3333	\$52.00
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Special Instr: 6061-T6 (OR 6061-T651/ T6510/ T6511/ T62) ROUND BAR  
 QQ-A-225/8 OR AMS-QQ-A-225/8 OR  
 (AMS 4117/4128/4115/4116)  
 OR QQ-A-200/8OR AMS-QQ-A-200/8 )OR  
 AMS 4160)  
 OR ASTM B211 OR ASTM B221

7	M6061T6S.032	6061-T6 Sheet 0.032"	10/30/12	Yes	384.00	Yours ppd	\$2.1875	\$840.00
---	--------------	----------------------	----------	-----	--------	-----------	----------	----------


Special Instr: MATERIAL: 6061-T6/T62 ALUMINUM  
 SHEET  
 AS PER QQ-A-250/11 OR AMS-QQ-A-250/11  
 OR AMS 4025 OR AMS 40327 OR ASTM  
 B209

8	M304B0.250X4.000	304 BAR .250 x 4.00	10/30/12	Yes	48.00	Yours ppd	\$7.4708	\$358.60
---	------------------	---------------------	----------	-----	-------	-----------	----------	----------

Special Instr: MATERIAL: AISI 304/316 SS BAR OR  
 AISI 304/316 SS PLATE  
 AS PER ASTM A276 OR ASTM A240  
 NOTE: AISI 303 NOT ACCEPTABLE

*11/1/12*

Change Nbr: 2  
 Change Date: 10/23/12  
 No substitution or deviation without consent.  
 Certificate of Conformity or Material  
 Certification required **YES** NO



**DART**  
 aerospace Ltd.  
 1270 Aberdeen Street  
 Hawkesbury, ON K6A 1K7  
 Tel: 613 632 9577  
 Fax: 613 632 1053

**PURCHASE ORDER**  
 Purchase Order ID P018225

Purchase Order Date 10/23/12  
 PO Print Date 10/23/12

Page Number 4 of 4

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD  
 O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
 TORONTO, ON M5W 5V8  
 CA

Contact Name	905 669 9444	Vendor Phone
Vendor Fax	905 738 9033	Vendor Account Nbr
Buyer	Chantal Lavoie	
Requisition Nbr	10127-2607	
Tax Resale Nbr	Net 30	
Terms	CAD	
Currency	Destination-Collect	
FOB		

304 STAINLESS FLAT	10/30/12	Yes	Each	600.00	Yours ppd	\$4.0500	\$2,430.00
BAR .125" X 4.00" X 14"							
Deliver To: WATER JET							
PO Total: \$3,917.39							

MATERIAL CERTIFICATION  
 READ UPON DELIVERY

No substitution or deviation without consent.  
 Certificate of Conformity or Material  
 Certification required- YES NO  
 Change Nbr: 2  
 Change Date: 10/23/12